



PATENT

Case Docket No. AUROBIO.013CC1

Date: May 22, 2002

1743
#3
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6-7-02

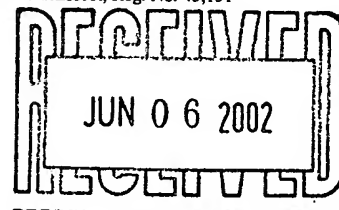
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Shumate, et al.
Appl. No. : 10/082,974
Filed : February 25, 2002
For : LIQUID CHEMICAL
DISTRIBUTION METHOD
AND APPARATUS
Examiner : Unassigned
Group Art Unit : 1743

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May 22, 2002
(Date)

Sam K. Tahmassebi, Reg. No. 45,151



TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing one hundred and twenty-eight (128) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Sam K. Tahmassebi
Registration No. 45,151
Attorney of Record

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AUROBIO.013CC1

PATENT



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Applicant : Shumate, et al.) Group Art Unit 1743
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DISTRIBUTION METHOD)
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Examiner : Unassigned)

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing one hundred and twenty-eight (128) references. These references were of record in U.S. Patent Application No. 09/228,258, filed January 11, 1999, from which the above-identified application claims priority under 35 U.S.C. §120. Accordingly, pursuant to 37 C.F.R. § 1.98(d), these references are not enclosed. This Information Disclosure Statement is being filed within three months of the filing date of this application or upon filing if this is a CPA or RCE, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 22, 2002

By: Sam K. Tahmassebi

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
AUROBIO.013CC1APPLICATION NO.
10/082,974INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Shumate, et al.FILING DATE
February 25, 2002GROUP
1743

(USE SEVERAL SHEETS IF NECESSARY)

MAY 29 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1. RE 32,414	05/12/87	Hutchins, et al.			
	2. 4,000,976	01/04/77	Kramer, et al.			
	3. 4,058,146	11/15/77	Citrin			
	4. 4,115,010	09/19/78	McAleer, et al.			
	5. 4,125,680	11/14/78	Shropshire, et al.			
	6. 4,135,561	01/23/79	Senelonge			
	7. 4,216,245	08/05/80	Johnson			
	8. 4,256,153	03/17/81	Lamaziere			
	9. 4,262,711	04/21/81	Anderson			
	10. 4,276,048	06/30/81	Leaback			
	11. 4,313,476	02/02/82	Bennett, et al.			
	12. 4,342,407	08/03/82	Citrin			
	13. 4,446,104	05/01/84	Hammerling, et al.			
	14. 4,478,094	10/23/84	Salomaa, et al.			
	15. 4,488,241	12/11/94	Hutchins, et al.			
	16. 4,493,896	01/15/85	La Motte, III, et al.			
	17. 4,496,657	01/29/85	Coppersmith, et al.			
	18. 4,498,782	02/12/95	Proctor, et al.			
	19. 4,501,970	02/26/85	Nelson			
	20. 4,507,044	03/26/85	Hutchins, et al.			
	21. 4,510,684	4/16/85	Hutchins, et al.			
	22. 4,562,871	01/07/86	Astle			
	23. 4,565,100	01/21/86	Malinoff			
	24. 4,580,895	04/08/86	Patel			
	25. 4,586,151	04/29/86	Boute			
	26. 4,607,196	08/19/86	Abrahams, et al.			
	27. 4,632,631	12/30/86	Dunlap			

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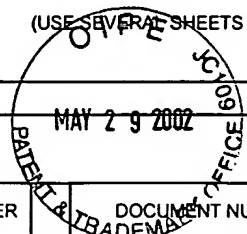
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. AUROBIO.013CC1	APPLICATION NO. 10/082,974
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Shumate, et al.	
		FILING DATE February 25, 2002	GROUP 1743

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	28. 4,677,195	06/30/87	Hewick, et al.				
	29. 4,692,308	09/08/87	Riley, et al.				
	30. 4,701,412	10/20/87	Naylor				
	31. 4,701,754	10/20/87	Provonchee				
	32. 4,703,008	10/27/87	Lin				
	33. 4,710,031	12/01/87	Kelly, et al.				
	34. 4,753,775	06/28/88	Ebersole, et al.				
	35. 4,803,050	02/07/89	Mack				
	36. 4,824,230	04/25/89	Litt				
	37. 4,835,711	05/30/89	Hutchins, et al.				
	38. 4,835,711	05/30/98	Hutchins, et al.				
	39. 4,968,148	11/06/90	Chow, et al.				
	40. 5,021,217	06/04/91	Oshikubo				
	41. 5,035,270	07/30/91	Herzog				
	42. 5,036,001	07/30/91	Gork, et al.				
	43. 5,055,236	10/08/91	Meltzer				
	44. 5,073,029	12/17/91	Eberly, et al.				
	45. 5,082,628	01/21/92	Andreotti, et al.				
	46. 5,104,621	04/14/92	Pfost, et al.				
	47. 5,104,808	04/14/92	Laska, et al.				
	48. 5,108,703	04/28/92	Pfost, et al.				
	49. 5,112,134	05/12/92	Chow, et al.				
	50. 5,125,748	06/30/92	Bjomson, et al.				
	51. 5,139,744	08/18/92	Kowalski				
	52. 5,206,568	04/27/93	Bjomson, et al.				
	53. 5,213,766	05/25/93	Flesher, et al.				
	54. 5,219,528	06/15/93	Clark				

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	55. 5,226,462	07/13/93	Carl			
	56. 5,243,540	09/07/93	Van Albert, et al.			
	57. 5,250,263	10/05/93	Manz			
	58. 5,332,549	07/26/94	MacIndoe, Jr.			
	59. 5,338,688	08/16/94	Deeg, et al.			
	60. 5,350,564	09/27/94	Mazza, et al.			
	61. 5,355,215	10/11/94	Schroeder, et al.			
	62. 5,355,439	10/11/94	Bernstein, et al.			
	63. 5,362,648	11/08/94	Koreyasu, et al.			
	64. 5,366,896	11/22/94	Margrey, et al.			
	65. 5,366,896	11/22/94	Margery, et al.			
	66. 5,443,791	8/22/95	Cathcart, et al.			
	67. 5,455,008	10/03/95	Earley, et al.			
	68. 5,468,110	11/21/95	McDonald, et al.			
	69. 5,497,670	03/12/96	Carl			
	70. 5,512,247	04/30/96	Bonacina, et al.			
	71. 5,518,688	05/21/96	Gianino			
	72. 5,525,302	06/11/96	Astle			
	73. 5,527,684	06/18/96	Mabile, et al.			
	74. 5,540,889	07/30/96	Gordon, et al.			
	75. 5,542,012	07/30/96	Fernandes, et al.			
	76. 5,544,535	08/13/96	Thomas			
	77. 5,547,849	08/20/96	Baer, et al.			
	78. 5,567,294	10/22/96	Dovich, et al.			
	79. 5,578,832	11/26/96	Trulson, et al.			
	80. 5,580,722	10/03/96	Foulkes, et al.			
	81. 5,581,691	12/03/96	Hsu, et al.			

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	82.	5,581,758	12/03/96	Burnett, et al.		
	83.	5,589,351	12/31/96	Harootunian		
	84.	5,593,267	01/14/97	McDonald, et al.		
	85.	5,623,415	04/22/97	O'Bryan, et al.		
	86.	5,665,543	09/09/97	Foulkes, et al.		
	87.	5,670,113	09/23/97	Akong, et al.		
	88.	5,675,715	10/07/97	Bernstein, et al.		
	89.	5,691,188	11/25/97	Pausch, et al.		
	90.	5,696,887	12/09/97	Bernstein, et al.		
	91.	5,776,502	07/07/98	Foulkes, et al.		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	92.	WO 88/00707	1/28/88	PCT			
	93.	WO 88/00707	01/28/88	PCT			
	94.	WO 91/04193	04/18/91	PCT			
	95.	WO 91/04193	04/18/91	PCT			
	96.	WO 91/14445	11/14/91	PCT			
	97.	WO 91/16977	11/14/91	PCT			
	98.	WO 91/16977	11/14/91	PCT			
	99.	WO 91/17445	11/14/91	PCT			
	100.	WO 92/14127	08/20/92	PCT			
	101.	WO 92/14127	08/20/92	PCT			
	102.	WO 93/13423	07/08/93	PCT			
	103.	WO 93/13423	07/08/93	PCT			
	104.	WO 93/20612	10/14/93	PCT			
	105.	WO 93/20612	10/14/93	PCT			

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						YES	NO	
	106	WO 93/25913	12/23/93	PCT				
	107	WO 93/25913	12/23/93	PCT				
	108	WO 94/16313	07/21/94	PCT				
	109	WO 94/16313	07/21/94	PCT				
	110	WO 94/19097	09/01/94	PCT				
	111	WO 94/19097	09/01/94	PCT				
	112	WO 95 31284	11/23/95	PCT				
	113	WO 95/11461	04/27/95	PCT				
	114	WO 95/11461	04/27/95	PCT				
	115	WO 95/25423	09/28/95	PCT				
	116	WO 95/25423	09/28/95	PCT				
	117	WO 95/31284	11/23/95	PCT				
	118	WO 96/05488	02/22/96	PCT				
	119	WO 96/05488	02/22/96	PCT				
	120	WO 97/00136	01/03/97	PCT				
	121	WO 97/26539	07/24/97	PCT				
	122	WO 98/52047	11/19/98	PCT				
	123	0 251 441 B1	12/29/93	Europe				
	124	0 635 713 A1	01/25/95	Europe				
	125	301,699	01/02/89	Europe				

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	126 Shuttleworth, Inc., "Flexible, Low-Line Pressure Accumulating Slip-Torque Conveyor Systems," (ca. 1993).
	127 Shuttleworth, Inc., "Flat Panel Display News," (February 1996).
	128 Ultra High Throughout Screening System, Zymark Corp., Home page down load, Alegro (07/17/98).

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